

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070685.D
 Acq On : 12 Oct 2021 17:58
 Operator : VA/SY
 Sample : M4127-08
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26644

Quant Time: Oct 13 06:38:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

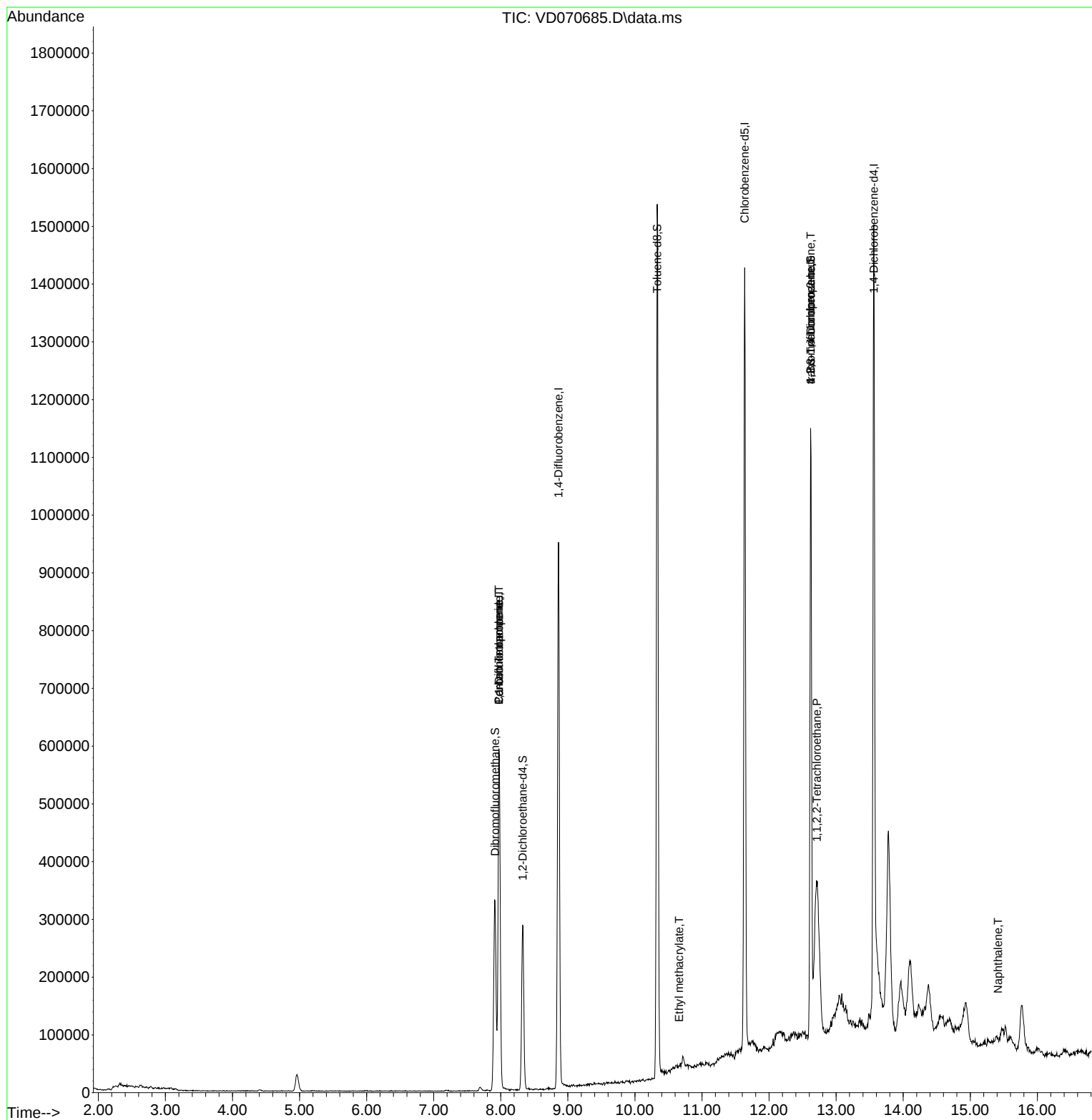
Internal Standards						
1) Pentafluorobenzene	7.973	168	420860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	834099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	829481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	359143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231026	46.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.280%
35) Dibromofluoromethane	7.914	113	252627	45.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.100%
50) Toluene-d8	10.332	98	1090976	51.461	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.620	95	392595	55.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.820%
Target Compounds						
5) Bromomethane	2.773	94	1700	Below Cal	Qvalue	97
20) Methylene Chloride	4.961	84	25517	Below Cal	#	83
36) 1,1-Dichloropropene	7.973	75	35962	4.060	ug/l #	50
38) Carbon Tetrachloride	7.973	117	46404	5.005	ug/l #	17
56) Ethyl methacrylate	10.661	69	459	1.454	ug/l #	1
59) 2-Hexanone	10.967	43	344	Below Cal	#	20
75) 1,1,2,2-Tetrachloroethane	12.714	83	94524	18.465	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	183503	56.451	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	183503	125.332	ug/l #	17
95) Naphthalene	15.414	128	475	2.529	ug/l #	1

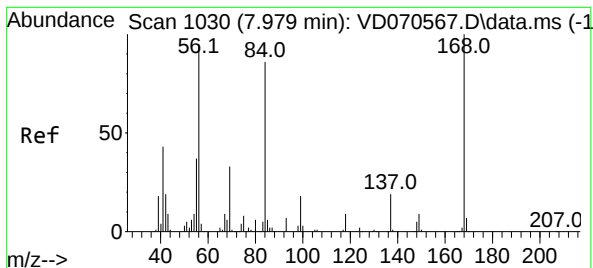
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD070685.D

Acq: 12 Oct 2021 17:58

Instrument :

MSVOA_D

ClientSampleId :

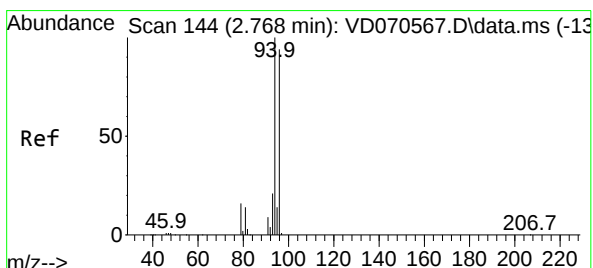
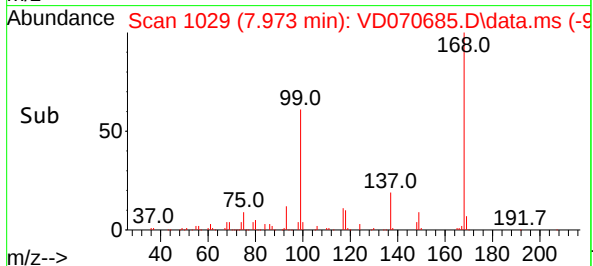
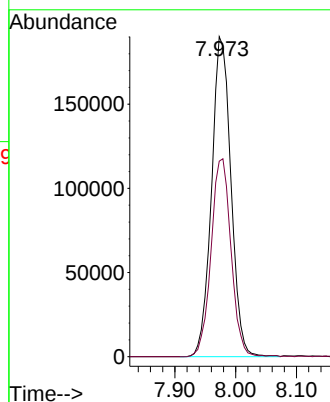
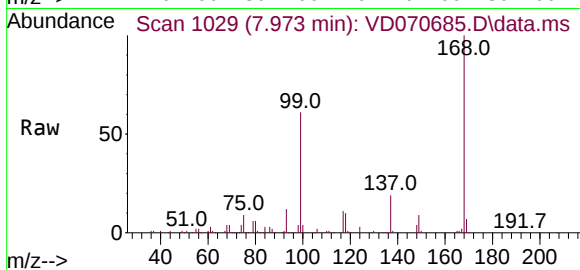
CHRT-26644

Tgt Ion:168 Resp: 420860

Ion Ratio Lower Upper

168 100

99 61.1 51.4 77.0



#5

Bromomethane

Concen: Below Cal

RT: 2.773 min Scan# 145

Delta R.T. 0.005 min

Lab File: VD070685.D

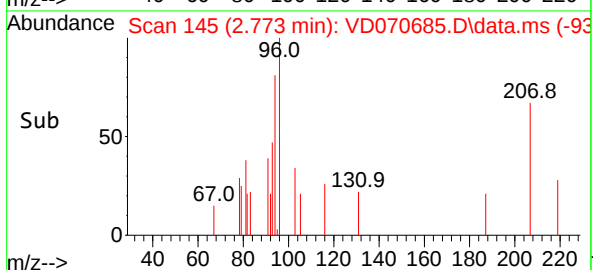
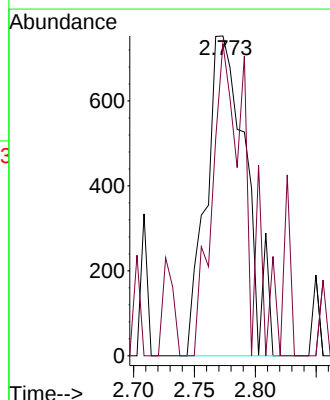
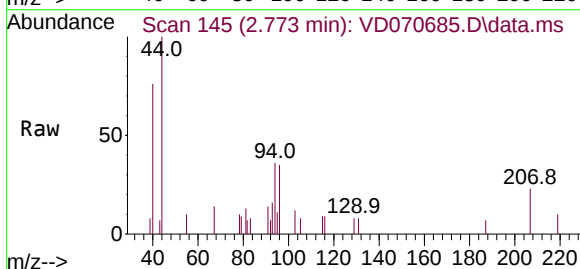
Acq: 12 Oct 2021 17:58

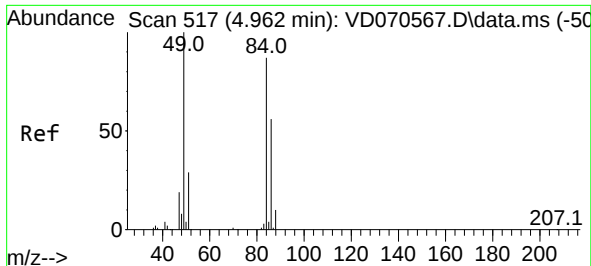
Tgt Ion: 94 Resp: 1700

Ion Ratio Lower Upper

94 100

96 97.6 75.5 113.3

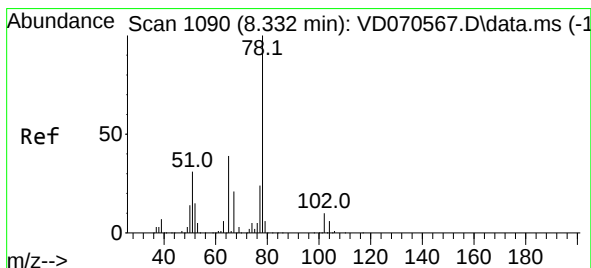
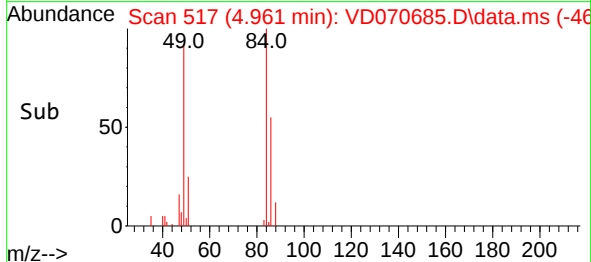
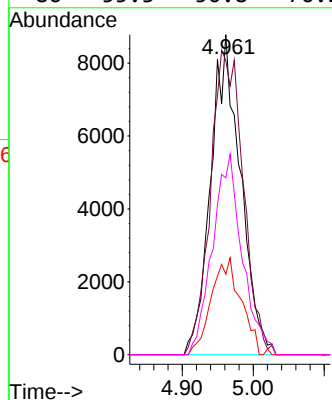
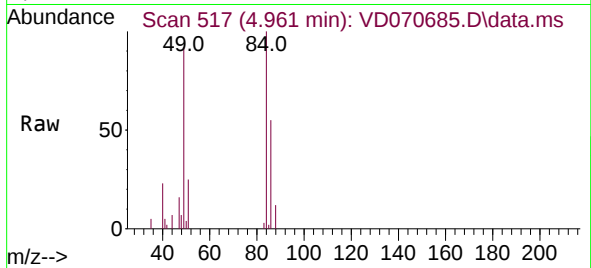




#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

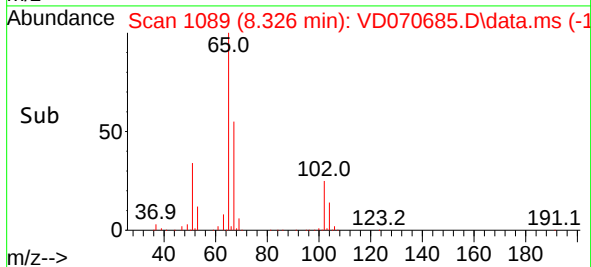
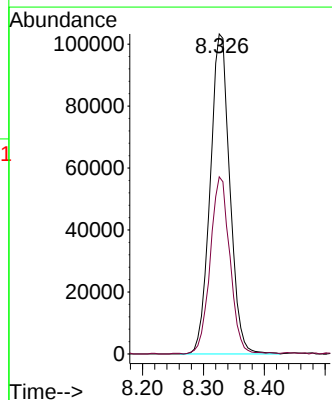
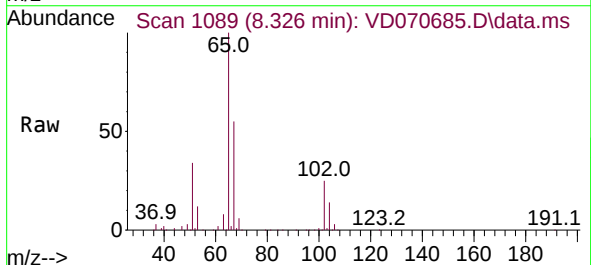
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26644

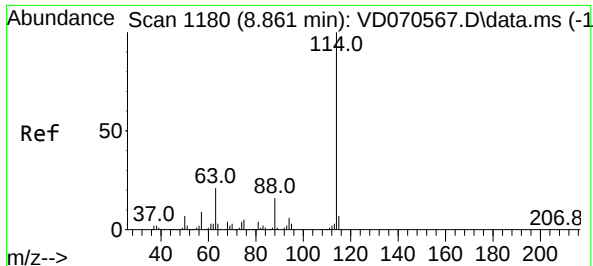
Tgt Ion:	84	Resp:	25517
Ion	Ratio	Lower	Upper
84	100		
49	91.9	91.4	137.2
51	25.2	26.7	40.1#
86	55.3	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 46.644 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Tgt Ion:	65	Resp:	231026
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	110.2



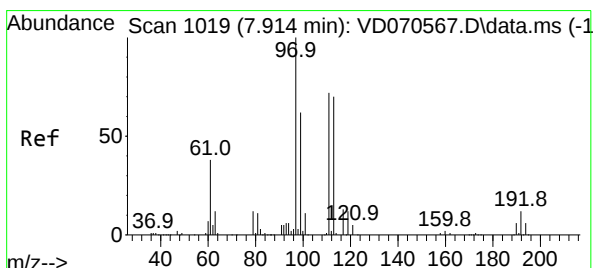
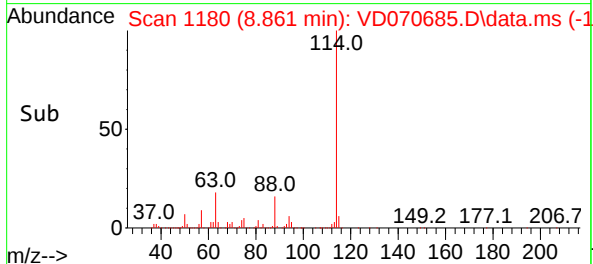
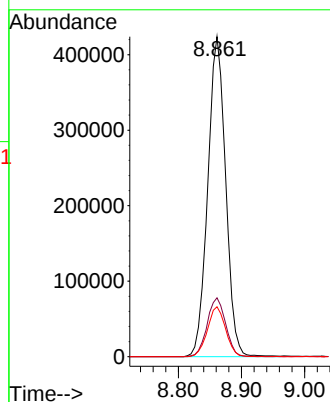
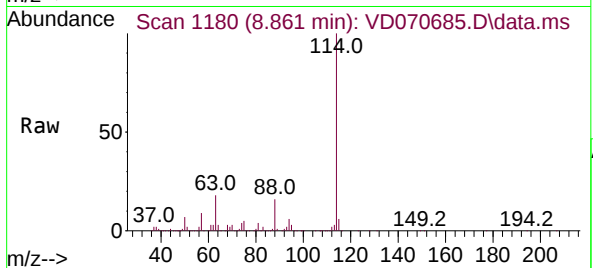


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26644

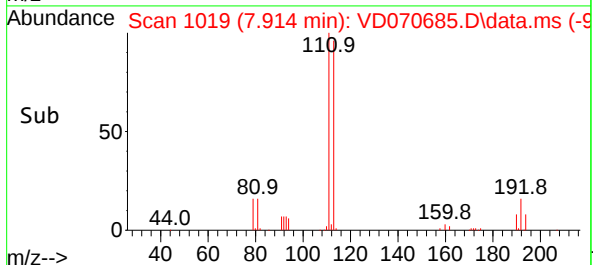
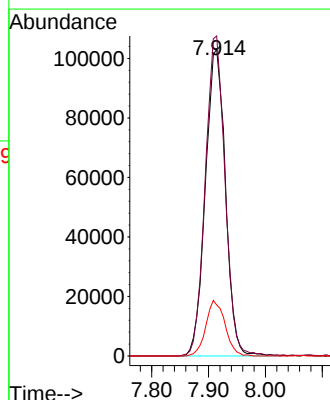
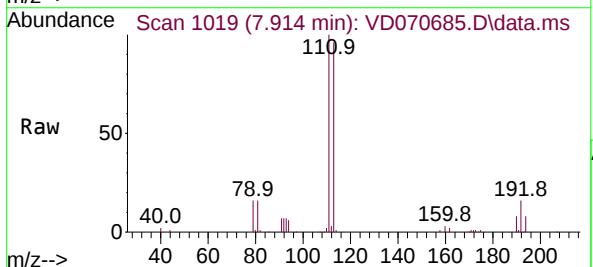
Tgt Ion:	114	Resp:	834099
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.8
88	15.6	0.0	32.6

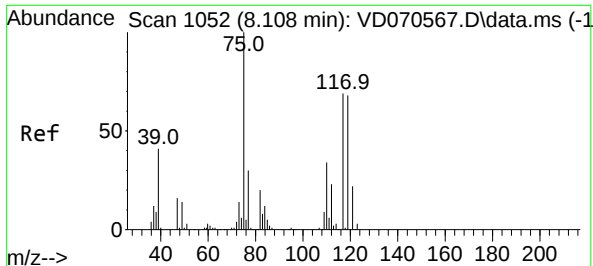


#35

Dibromofluoromethane
Concen: 45.555 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Tgt Ion:	113	Resp:	252627
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.1	124.7
192	17.3	12.7	19.1





#36

1,1-Dichloropropene

Concen: 4.060 ug/l

RT: 7.973 min Scan# 1029

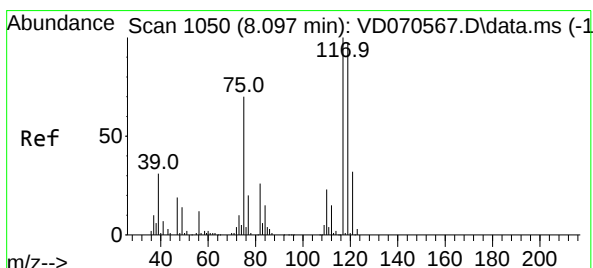
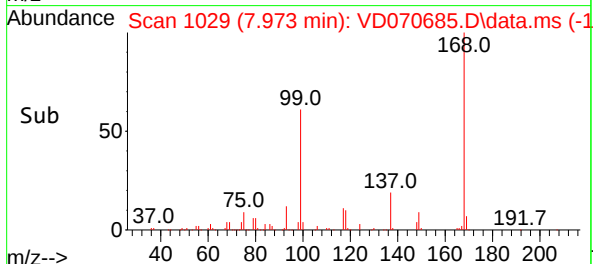
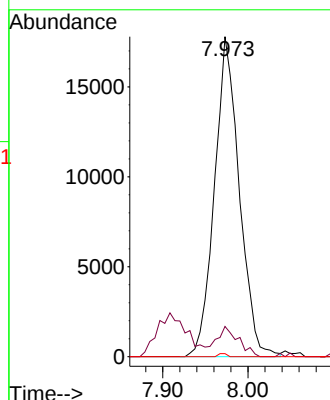
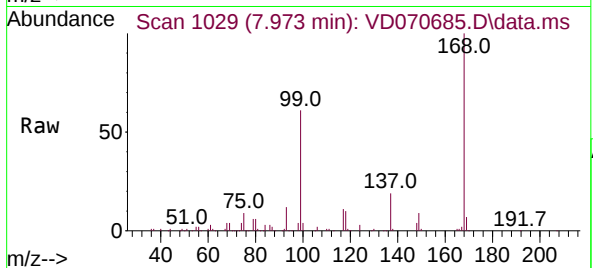
Delta R.T. -0.135 min

Lab File: VD070685.D

Acq: 12 Oct 2021 17:58

Tgt Ion:	75	Resp:	35962
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.2	51.6#
77	0.3	24.2	36.4#

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26644



#38

Carbon Tetrachloride

Concen: 5.005 ug/l

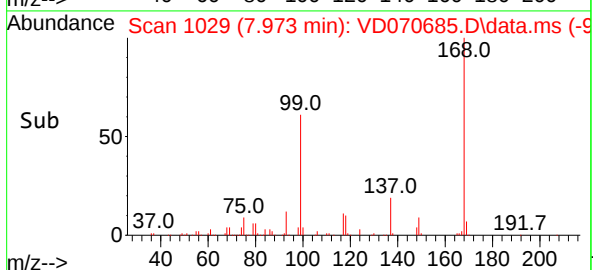
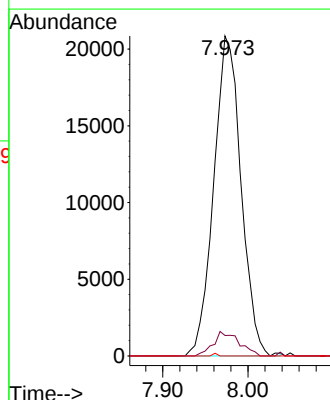
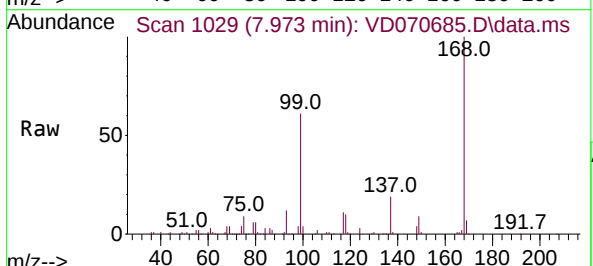
RT: 7.973 min Scan# 1029

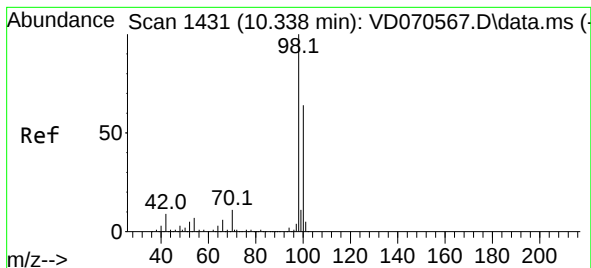
Delta R.T. -0.124 min

Lab File: VD070685.D

Acq: 12 Oct 2021 17:58

Tgt Ion:	117	Resp:	46404
Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.4	116.0#
121	0.0	25.4	38.0#

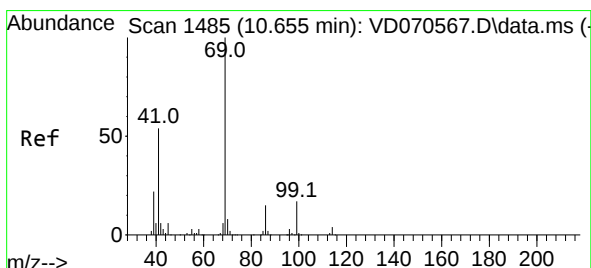
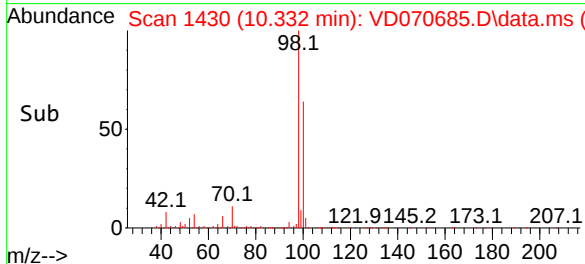
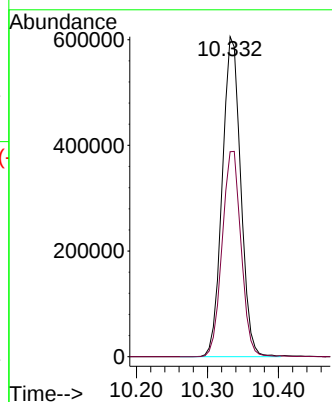
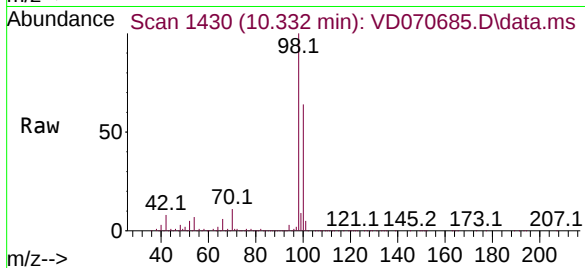




#50
Toluene-d8
Concen: 51.461 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

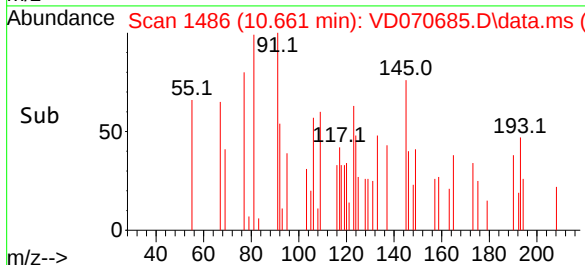
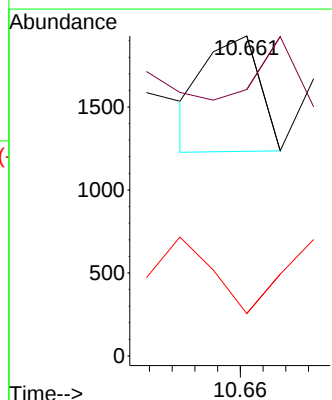
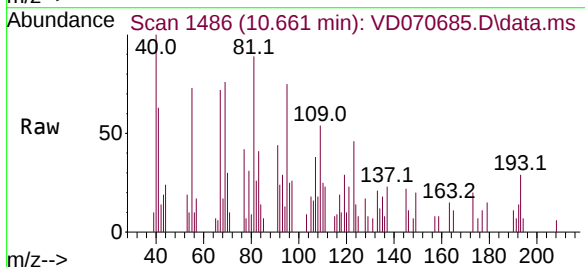
Instrument :
MSVOA_D
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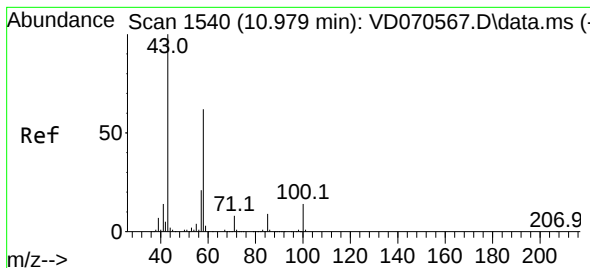
Tgt Ion: 98 Resp: 1090976
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#56
Ethyl methacrylate
Concen: 1.454 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Tgt Ion: 69 Resp: 459
Ion Ratio Lower Upper
69 100
41 290.8 44.7 67.1#
39 59.0 19.5 29.3#

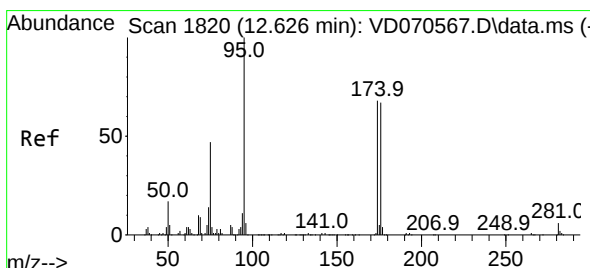
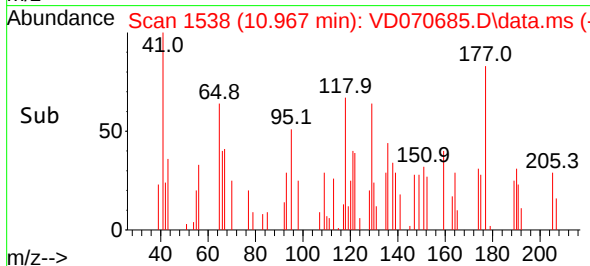
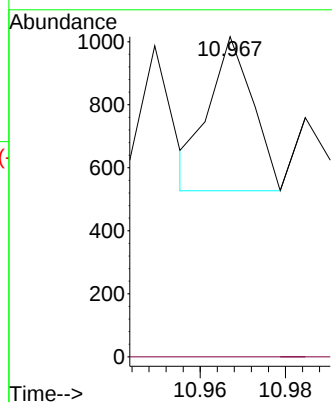
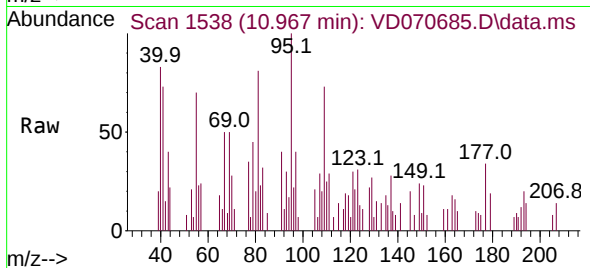




#59
2-Hexanone
Concen: Below Cal
RT: 10.967 min Scan# 1538
Delta R.T. -0.012 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

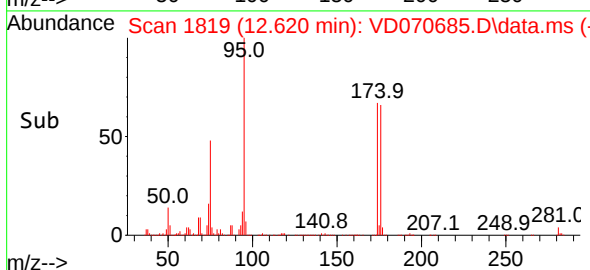
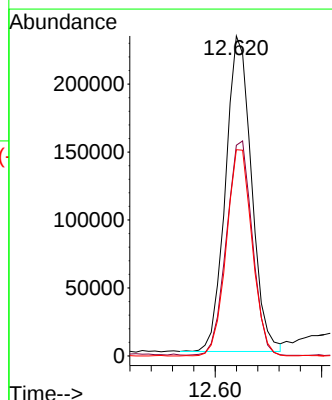
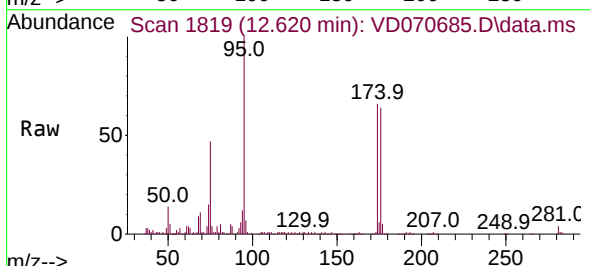
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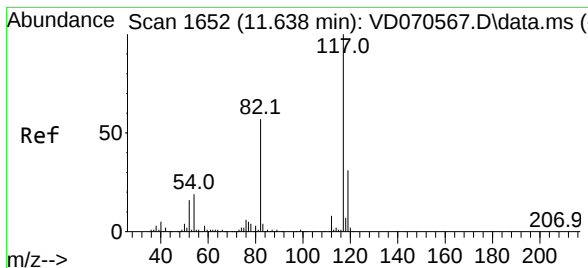
Tgt Ion: 43 Resp: 344
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 55.408 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Tgt Ion: 95 Resp: 392595
Ion Ratio Lower Upper
95 100
174 67.6 0.0 138.0
176 65.3 0.0 135.6

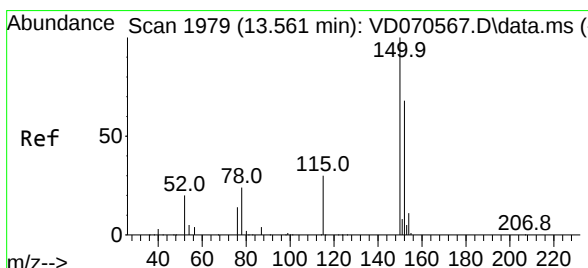
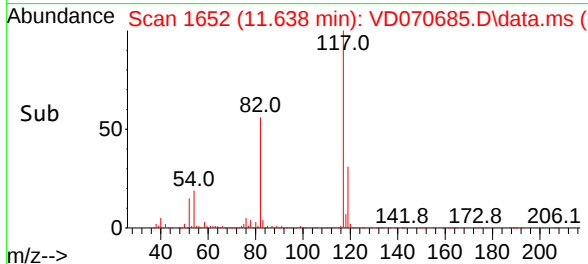
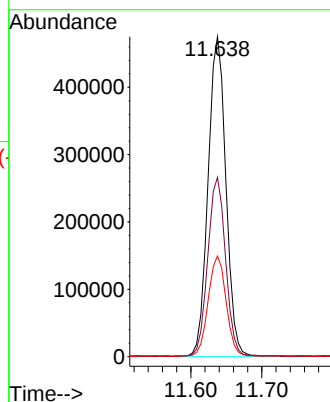
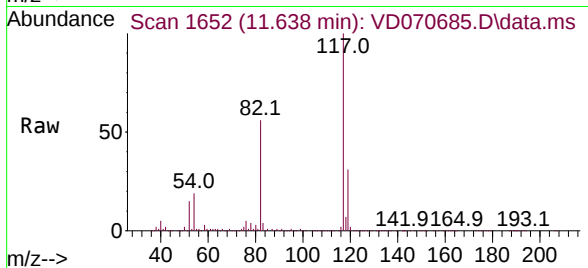




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

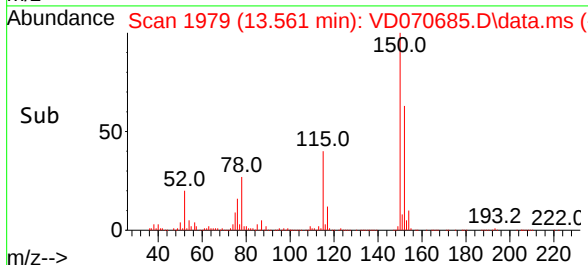
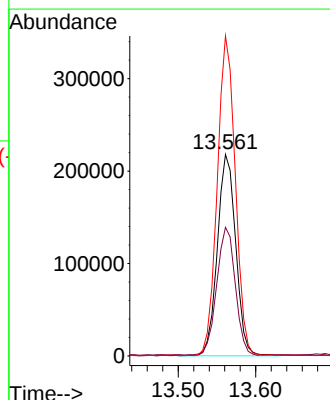
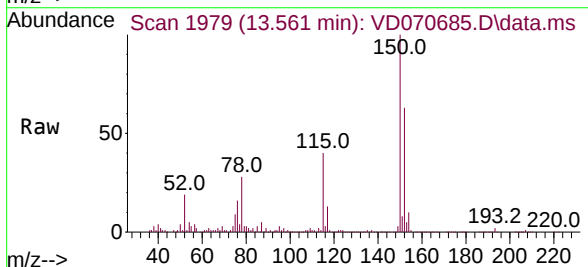
Instrument :
MSVOA_D
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CHRT-26644

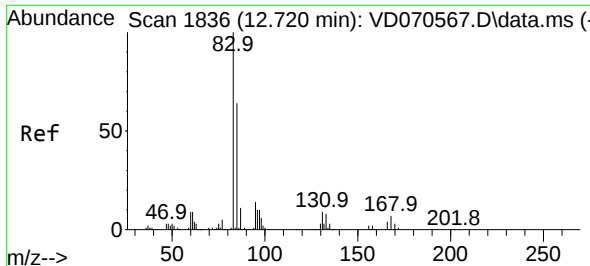
Tgt Ion:117 Resp: 829481
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.2
119 31.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Tgt Ion:152 Resp: 359143
Ion Ratio Lower Upper
152 100
115 63.8 31.9 95.7
150 155.3 0.0 350.0

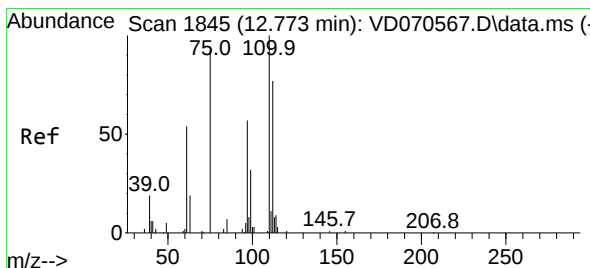
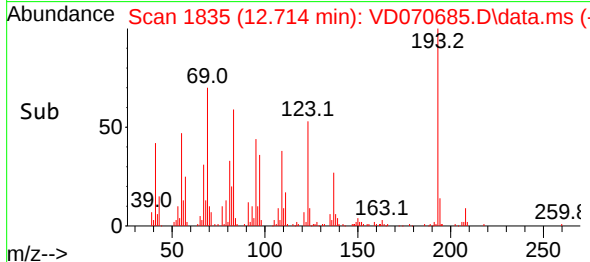
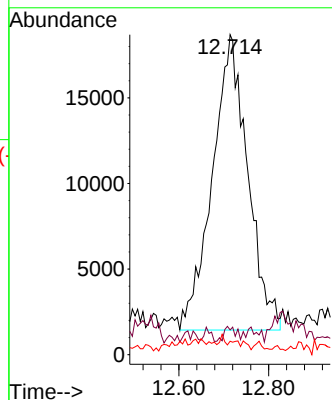
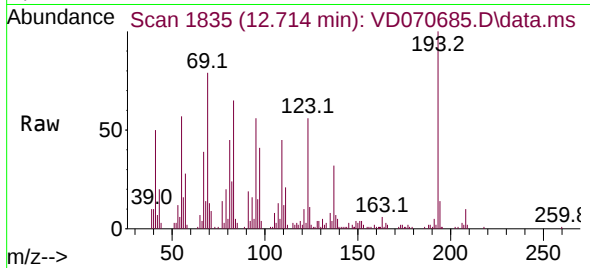




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.465 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD070685.D
 Acq: 12 Oct 2021 17:58

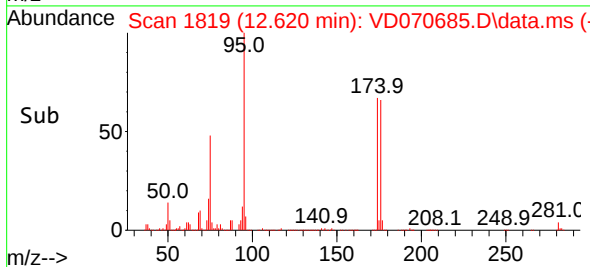
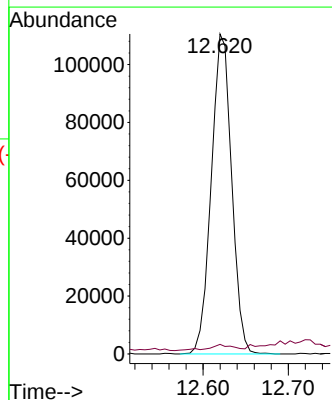
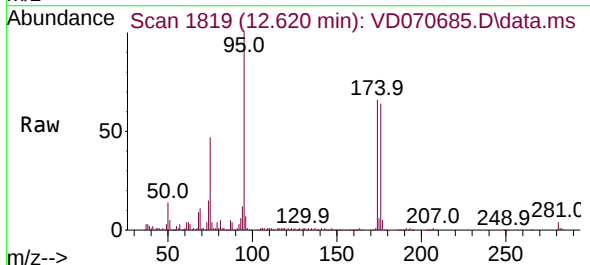
Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26644

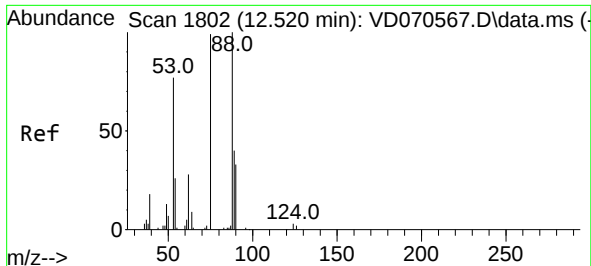
Tgt Ion: 83 Resp: 94524
 Ion Ratio Lower Upper
 83 100
 131 1.6 4.9 14.7#
 85 0.4 31.9 95.7#



#76
 1,2,3-Trichloropropane
 Concen: 56.451 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070685.D
 Acq: 12 Oct 2021 17:58

Tgt Ion: 75 Resp: 183503
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

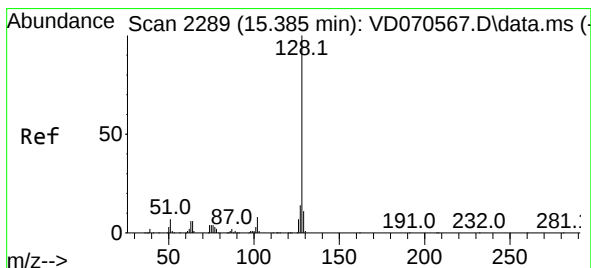
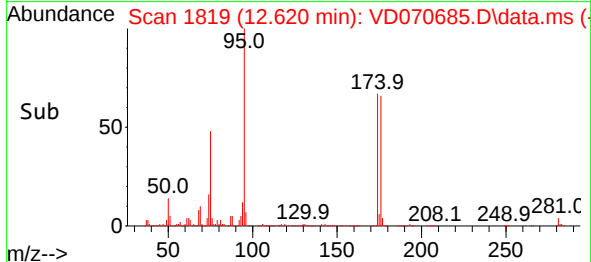
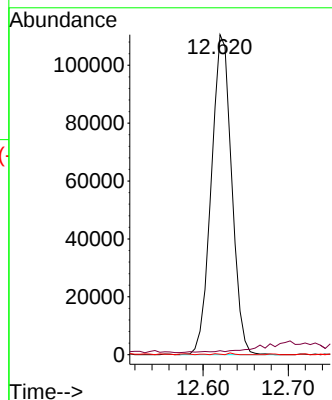
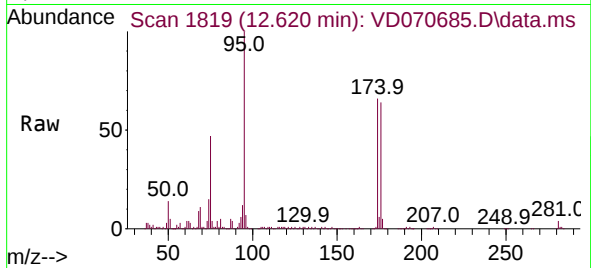




#81
trans-1,4-Dichloro-2-butene
Concen: 125.332 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26644

Tgt Ion: 75 Resp: 183503
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.3 35.3 52.9#



#95
Naphthalene
Concen: 2.529 ug/l
RT: 15.414 min Scan# 2294
Delta R.T. 0.029 min
Lab File: VD070685.D
Acq: 12 Oct 2021 17:58

Tgt Ion: 128 Resp: 475
Ion Ratio Lower Upper
128 100
127 219.6 10.9 16.3#
129 325.3 8.6 12.8#

